

Title (en)

WATER REPELLENCY-IMPARTING FIBER ARTICLE

Title (de)

WASSERABWEISENDE EIGENSCHAFTEN VERLEIHENDER FASERARTIKEL

Title (fr)

ARTICLE FIBREUX CONFÉRANT UN CARACTÈRE HYDROFUGE

Publication

EP 3636090 A1 20200415 (EN)

Application

EP 17912399 A 20171222

Priority

- JP 2017021553 W 20170609
- JP 2017046254 W 20171222

Abstract (en)

A water repellency-imparted fiber article (10) of the present invention includes: a fiber article (1) having a skin-facing surface (1a) and a non-skin-facing surface (1b); and a water repellency-imparting agent attached to the fiber article (1). The fiber article (1) contains a water-absorbent fiber and has water absorbency in terms of a water absorption time of 30 seconds or less as measured in accordance with the dropping method of JIS L-1907. The water repellency-imparted fiber article (10) has a non-skin-side water-repellent region (2) on the non-skin-facing surface (1b) of the fiber article (1), the non-skin-side water-repellent region (2) including a portion to which the water repellency-imparting agent is attached. The water repellency-imparted fiber article (10) has a water absorbing layer (11) in a section of the fiber article that overlaps the non-skin-side water-repellent region (2) in a plan view and on a side that is closer to the skin of a user than the non-skin-side water-repellent region (2), the water absorbing layer maintaining the water absorbency. A surface of the non-skin-side water-repellent region 2 has a water contact angle of 80 degrees or greater and a water absorption rate of 10 seconds or greater.

IPC 8 full level

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